

PROJECT DESCRIPTION
GENERAL

THIS PROJECT INVOLVES RECONSTRUCTION OF THE EXISTING TRAFFIC SIGNAL AT THE INTERSECTION OF MD 124 (WOODFIELD ROAD) AT CYPRESS HILL DRIVE/RICKENBACKER DRIVE IN MONTGOMERY COUNTY. MD 124 IS ASSUMED TO RUN IN A NORTH SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A SEMI-ACTUATED MODE USING FOUR NEMA PHASES. SEMI-ACTUATED MODE WITH THE MD 124 APPROACHES RUNNING CONCURRENTLY. THE RICKENBACKER DRIVE/CYPRESS HILL DRIVE APPROACHES WILL ALSO RUN CONCURRENTLY. ALL APPROACHES HAVE PERMISSIVE LEFT TURN PHASING.

PEDESTRIAN OPERATION

NAVIGATOR AUDIBLE PEDESTRIAN PUSHBUTTON MOVEMENTS TO CROSS THE WEST AND SOUTH LEGS OF THE INTERSECTION ARE TO BE PROVIDED. WHEN THE PEDESTRIAN LOCATES AND PRESSES THE PUSH BUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
WEST: "WAIT TO CROSS RICKENBACKER AT WOODFIELD."
SOUTH: "WAIT TO CROSS WOODFIELD AT RICKENBACKER/CYPRESS HILL."

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. JEFFREY WENTZ, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358
MR. DUANE BERNDARD, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (301) 513-7336
MR. WAYNE A. MOWDY, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 513-7304
MR. AUGIE REBISH, UTILITY ENGINEER
PHONE: (301) 513-7350
MR. ROBERT SNYDER, SR. CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. KAMAL HAMUD
MONTGOMERY COUNTY
240-777-8761

MR. STEVE CUSTER
PEPCO CUSTOMER DESIGN
201 W. GUIDE DR.
ROCKVILLE, MD 20850
PHONE: (301) 548-4333

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE FOLLOWING STANDARD PLATES FOR TRAFFIC CONTROL: 104.00 - 30, 104.12 - 01, 104.13 - 01, 104.31 - 01, 104.32 - 01, 104.81- 02

EQUIPMENT LIST

- A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY	DESCRIPTION	UNITS	QUANTITY
CODE NO.	NONE		

- B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY	DESCRIPTION	UNITS	QUANTITY
CODE NO.	MAINTENANCE OF TRAFFIC	EA	1
120500	24 INCH WHITE PERMANENT PREFORMED PAVEMENT MARKINGS	LF	60
585452	RELOCATE VIDEO DETECTION CAMERA	EA	3
800000	RELOCATE EXISTING SIGNAL HEAD	EA	2
860265			

WIRING DIAGRAM

SAME AS PREVIOUS PHASE

PHASE CHART

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
R	R	R	R	R	R	R	R	R	R	R	R				
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y				
G	G	G	G	G	G	G	G	G	G	G	G				


PHASE 2 AND 6	G	G	G	G	G	G	R	R	R	R	R	R	WK	WK	DW	DW	
PED CLEARANCE	G	G	G	G	G	G	R	R	R	R	R	R	FL/DW	FL/DW	DW	DW	
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	DW	DW	DW	DW	
PHASE 4 AND 8	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	DW	DW	
4 AND 8 CHANGE	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	
PHASE 4 AND 8 ALT	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	WK	WK	
PED CLEARANCE	R	R	R	R	R	R	G	G	G	G	G	G	DW	DW	FL/DW	FL/DW	
PHASE 4 AND 8 CHANGE ALT	R	R	R	R	R	R	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	FL/R	FL/R	DARK	DARK	DARK	DARK	

BY: Aaron Hottenstein Division: 0101 Transportation



ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS

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HUNT VALLEY, MD 21030
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STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 124 (WOODFIELD RD) AND CYPRESS HILL DRIVE /RICKENBACKER DRIVE
STAGE V

GENERAL INFORMATION SHEET

SCALE	1" = 20'	DATE	N/A	CONTRACT NO.	M06325171
DESIGNED BY	AH	COUNTY	MONTGOMERY		
DRAWN BY	AF	LOGMILE	15012407.96		
CHECKED BY	JFL	TMS NO.	H079		
FAP NO.		TOD NO.			
TS NO.	4104-A	DRAWING	SP - 22 OF 39	SHEET NO.	280 OF 377